

WE CLAIM:

1. A bung for a paper roll having a cylindrical opening, comprising:

- (a) a body; and
- (b) a roll contacting element frangibly coupled to said body and operative to break when said bung is inserted into said cylindrical opening.

2. The bung according to claim 1, wherein said roll contacting element is comprised of a plurality of flanges that fold down to partially surround said body.

3. The bung according to claim 2, wherein said plurality of flanges are three in number.

4. The bung according to claim 2, wherein each flange in said plurality of flanges has anchor ridges on an outer surface thereof for contacting an inner cylindrical surface of the cylindrical opening of said paper roll.

5. The bung according to claim 1, wherein said roll contacting element is operative to hold said body within the cylindrical opening of said paper roll.

6. The bung according to claim 5, wherein said body has a cylindrical-shaped protruding end rotatably couplable to a mounting element on a dispenser.

7. The bung according to claim 2, wherein each of said plurality of flanges are attached to said body by frangible tabs.

8. The bung according to claim 5, wherein said plurality of flanges each include a protruding lip extending outwardly at a first end of said flanges operative to stop said first end from entering further into the cylindrical opening of said paper roll upon insertion of said bung.

9. The bung according to claim 8, wherein said plurality of flanges each include an inner plate extending inwardly at a second end of said flanges operative to contact an edge of a corresponding plate on said cylindrical core to prevent said cylindrical core from traveling too far into said paper roll when said flanges decouple from said cylindrical core.

It is a further object of this invention to provide a bung that is dimensioned to restrict the types of paper rolls that can be inserted into a dispenser.

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5 **SUMMARY**

The invention consists of a bung for a paper roll. The bung is comprised of a bodycore and a roll contacting element frangibly coupled to the bodycore. When the bung is inserted into the cylindrical opening of the paper roll, the roll contacting element breaks off from the bodycore.

Preferably, the roll contacting element is comprised of a plurality of flanges, which fold down and partially surround the bodycore. The flanges may include anchor ridges that contact the paper roll when the bung is inserted.

BRIEF DESCRIPTION OF THE DRAWINGS

20 The invention itself both as to organization and method of operation, as well as additional objects and advantages thereof, will become readily apparent from the following detailed description when read in connection with the accompanying drawings:

25 Figure 1 is a side view of a bung in an unfolded state;

Figure 2 is a top view of a bung in an unfolded state;

WE CLAIM:

1. A bung for a paper roll having a cylindrical opening, said bung comprising:
 - 5 (a) a bodycore; and
 - (b) a roll contacting element frangibly coupled to said bodycore ~~and operative to~~ such that said roll contacting element breaks from said core when said bung is inserted into said cylindrical opening, said
10 roll contacting element operative to maintain said core in said cylindrical opening.
2. The bung according to claim 1, wherein said roll contacting element is comprised of a plurality of flanges that fold down to
15 partially surround said bodycore.
3. The bung according to claim 2, wherein said plurality of flanges are three in number.
- 20 4. The bung according to claim 2, wherein each flange in said plurality of flanges has anchor ridges on an outer surface thereof for contacting an inner cylindrical surface of the cylindrical opening of said paper roll.
- 25 5. The bung according to claim 1, wherein said core has a cylindrical protrusion at a first end thereof rotatably couplable to a mounting element on a dispenser.
- 30 6. The bung according to claim 2, wherein each of said plurality of flanges is attached to said core by frangible tabs.

7. The bung according to claim 2, wherein said plurality of flanges each includes a protruding lip extending outwardly at a first end of said flanges, said lip operative to stop said first end from entering the cylindrical opening of said paper roll upon insertion of said bung.

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8. The bung according to claim 7, wherein said plurality of flanges each includes an inner lip extending inwardly at a second end of said flanges operative to engage said core such that said core is prevented from traveling too far into said paper roll when said flanges are broken from said core.

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